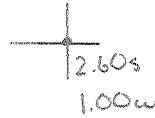


Latitude

Longitude



Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company Pitts + W Gas

Farm Isaac Stream #1

15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad Sherrington

District Lincoln

WELL LOCATION PLAT

County 049 Permit 30232





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

340  
Gas

WELL RECORD

Permit No. 2320A

Oil or Gas Well (Kind)

Company Pittsburgh & West Va Gas Company.  
Address Clarksburg, West Va.  
Farm Isaac Sturms Acres 85.25  
Location (waters) Clarksburg N/E. 1-4  
Well No. 5025 Elev. \_\_\_\_\_  
District Lincoln County Marion  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Grace M. Cain  
Worthington, Address W. Va.  
Drilling commenced September 3rd, 1912  
Drilling completed October 25th, 1912  
Date shot Shot in Depth of shot 5th. Sand  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water 1368 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13 wood	16'		
10	225	225	Size of
8 1/4	1382	1382	
6 5/8	1786	1786	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 420 FEET 120 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Bluff Sand	White	Hard	0	80			
Lime	"	"	80	180			
Slate	Dark	Soft	180	240			
Lime	White	Hard	240	280			
Slate	"	Soft	280	380			
Lime	Dark	Hard	380	420			
Pgh. Coal	Black	Soft	420	430			
Slate	Dark	"	430	580			
Lime	White	Hard	580	645			
Sand	"	"	645	685			
Slate	Dark	Soft	685	705			
Lime	Red	"	705	720			
Lime	White	Hard	720	740			
Lime	Red	Soft	740	760			
Lime	White	Hard	760	770			
L. Dunkard		"	770	820			
Slate-Shells		"	820	850			
Lime	White	"	850	905			
Big Dunkard	"	"	905	1050			
Lime	"	"	1050	1155			
Salt Sand	"	"	1155	1470	Water	1368'	
Lime	"	"	1470	1525			
Slate	Black	Soft	1525	1565			
Red Rock	Red	"	1565	1730			
Lime	White	Hard	1730	1738			
Slate	"	Soft	1738	1760			
Little Lime	"	Hard	1760	1766			
Pencil Cave		Soft	1766	1770			
Big Lime	White	Hard	1770	1860			
Big Injun	"	"	1860	1930			
Slate	"	Soft	1930	1960			
Squaw Sand	"	Hard	1960	1975			
Slate&Shell	"	Hard&Soft	1975	2320			
Fifty Foot	"	Hard	2320	2365			
Slate	Dark	Soft	2365	2390			
Thirty Foot	White	Hard	2390	2455			
Slate	Pink	Soft	2455	2463			
Stray Sand	White	Hard	2463	2485			
Slate	Dark	Soft	2485	2495			
Stray Sand	White	Hard	2495	2535			
Slate&Shell	Red		2535	2560			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gordon Sand	White	Hard	2560	2572			
Slate&Shells		"	2572	2615			
Fourth Sand	White	"	2615	2670			
Slate&Shells			2670	2821			
Sand	White	Hard	2821	2823	Gas	2821'	
Lime	"	Soft	2823	2845			
Fifth Sand	"	Hard	2845	2860	Gas	2847'	
Slate	"	Soft	2860	2880			
<b>Total Depth</b>				<b>2880'</b>			

Date..... **September 15th, 1939** .....

APPROVED..... **PITTSBURGH & WEST VA GAS CO.** ....., Owner

By..... *F. C. Bridger* ....., (Title)

Record of Well No. 5025 Located on Leas Sturms Farm May 31 1912  
Lincolnton District Marion County West Va State  
 Division A District No. 11 Drilled under well Order 463  
 Rig built by John Craig Began July 22 1912 Completed July 24 1912  
 Well drilled by W. M. Carubart Began Sept 3 1912 Completed Oct 25 1912  
 Depth of Well 2880 feet Size of Hole 6 5/8 Producing Gas  
 Elev. -1249 G.L.

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	wood	
225'	10"	Old	
1382'	8 1/4"	haul	
1786'	6 5/8"	"	1-8 1/4 x 6 5/8 G. H. Coker
<del>2674'</del>	2"	"	1-2"
<del>2880'</del>	3"	"	

COAL VEINS 420  
430

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Little Sand</u>			<u>770</u>	<u>820</u>	
<u>Big "</u>			<u>905</u>	<u>1005</u>	
<u>St. Salt Sand</u>			<u>1155</u>	<u>1470</u>	<u>Water 1368-7 B. for 1/2 hr.</u>
<u>Big Lime</u>			<u>1770</u>	<u>1860</u>	
<u>Big Sand</u>			<u>1860</u>	<u>1930</u>	
<u>Small Sand</u>			<u>1960</u>	<u>1995</u>	
<u>Thin Rock</u>			<u>2320</u>	<u>2365</u>	
<u>Thin Rock</u>			<u>2370</u>	<u>2455</u>	
<u>Thin Rock</u>			<u>2463</u>	<u>2535</u>	
<u>Thin Rock</u>			<u>2560</u>	<u>2572</u>	
<u>Thin Rock</u>			<u>2615</u>	<u>2670</u>	
<u>Thin of Gray Sand</u>			<u>2821</u>	<u>2825</u>	<u>Gas 2821</u>
<u>Thin Sand</u>			<u>2845</u>	<u>2860</u>	<u>" 2847</u>
<u>Thin Sand</u>			<u>2880</u>		<u>Steel line measurement</u>

(664) Farmington

FIRST PRESSURE TEST IN <u>6 7/8</u> CASING		REMARKS
30 Sec.	lbs.	Oct. 28-1912. Well shot in
1 Min.	5	Rifled sand. 2595
2 "	10	
5 "	27	June 1917. 3 1/2" - 84-48 hrs
10 "	55	June 1918. 2.0 W2 - 218, 120-1284 hrs
15 "		
30 "	132	120
Rock Pressure	171	" in w. 155 - 1 lb
Taken	Oct 25	1912 Oct 28-1912
By	W. E. Eavochs	W. E. Eavochs

WELL TUBED AND PACKED Oct 31 1912 Retrieved 11-20-36

VIZ: ~~2878' 3" Tubing - 129 ft.~~ 2878' 7 1/2" (137 lb) Pubs  
~~288' 3" Tubing - 12 ft.~~ 1-6 7/8 x 3" H.W. Parker  
~~1-6 7/8 x 3" Anchor/Anchor~~ 238' 1 1/2" (7 1/2" for anchor)  
 1-3" 3" Tubing was ft. of anchor Separation 2850 = 2850  
 2878' 2878'

FIRST PRESSURE TEST IN <u>2"</u> TUBING		REMARKS
30 Sec.	36	2871
1 Min.	57	
2 "	71	
5 "	108	
10 "	125	
15 "		
30 "	145	
Rock Pressure		" in
Taken	Oct 31	1912
By	W. E. Eavochs	

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

2878' - 3" Tubing - 6 7/8 x 3" H.W. Parker - 6 7/8" Casing  
 238' - Anchor

FORMATIONS

FORM: 032-5170

Well 5025 Isaac Stevens

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Buff Sand	80	180				
Lime	180	240				
Slate	240	280				
Lime	280	380				
Slate	380	420				
Sh. Coal	420	430				
Slate	430	580				
Lime	580	640				
Lime	640	685				
Slate	685	705				
Lime	705	720				
Lime	720	740				
Lime	740	760				
Lime	760	770				
Little Dunbar	770	820				
Slate & Shells	820	830				
Lime	850	900				
Big Dunbar	900	1000				
Lime	1000	1100				
Soft Sand	1100	1470			1368	7 trailers per hr.
Lime	1470	1520				
Slate	1520	1565				
Sh. Rock	1565	1730				
Lime	1730	1738				
Slate	1738	1760				
Little Lime	1760	1760				
Quartz Core	1760	1770				
Big Lime	1770	1860				
Big Lime	1860	1930				Steel line measurement
Slate	1930	1960				
Quartz Sand	1960	1975				
Slate & Shells	1975	2320				
Big Rock	2320	2365				
Slate	2365	2390				
Big Rock	2390	2400				
Slate	2400	2460				
Stray Sand	2460	2485				Stray broken up
Slate	2485	2490				
Stray Sand	2490	2530				
Slate & Shells	2530	2560				
Carbon Sand	2560	2570				
Slate & Shells	2570	2615				
Wright Sand	2615	2670				
Slate & Shells	2670	2821				
Lime	2821	2823		2821		
Lime	2823	2845		2847		
W. Sh. Sand	2845	2860				
Slate	2860	2880				
Total Depth	2880					Steel line measurement